

# Ramlal paul higher secondary school

## 2<sup>nd</sup> Periodic test imp

### 1. Physics:

- Define power.
- Differentiate between kinetic energy and potential energy.
- What is 1Joule of work?
- A ball of mass 2kg is thrown vertically with a speed of 4.9m/s
  - i. Find the potential energy when it reaches the maximum height.
  - ii. Calculate the maximum height it reaches.

### 2. Literature:

- Sketch the character of koko.
- What was the kallupiluk or Qalupaluik used for?
- Star education ★ short question and answer
- The poet says that he lost his brother and he regrets it. What are the other things that the poet loose? (Pg: 76)
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### 3. Course:

- How did Pushpa Basnet saved the life of 40 children who lived in her home?
- Why does Pushpa Basnet considers herself fortune and what does she wants to do of her life?
- Why did Pushpa Basnet say that it is not fair for the children to live in prison?

### 4. Grammar:

- Chapter 3, Noun page 13
- Chapter 4, numbers.

### 5. Home science:

- Chapter 4 and 5
- Table on page 56,61.
- Qna

### 6. Mathematics:

- Theorem 7.2 on page 122.

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- Theorem 7.5 on page 126.
- Exercise 7.2 Question 1,3.

## 7. Social science:

- Unknown
- Climate chapter 3, geography

## 8. Chemistry:

- Dalton's atomic theory, and postulates.
- Mathematical problems from chapter 2.
- What law of chemical combination was given by
  - i. Lavoisier (law of conservation of mass)
  - ii. Proust (law of definite proportion)

## 9. Biology:

- Chapter 13, Tissue
- What is biological diversity?
- What is it meant by identification and naming?
- Define classification.
- Who proposed 5 kingdom classification system?
- What are the advantages of 5 kingdom classification system over 2 kingdom system?

## 10. History:

- Page H62.
- What is a tribe?
- What is "commercial forestry"?
- What is 'scientific forestry'?
- Name the greatest game of the British colonial officers in India.
- Who was the first inspector general of forest of India?
- When and where was the imperial forest research institute established by the British in India?
- Who are the Kalangs?